



[HEAT MEDIUM BUILDING] H-500

Customer: PTRHTF20046	System Information	Sample Information
QUADRA CHEMICALS 12925 146TH STREET EDMONTON, AB T5L 2H6 CANADA Attn: Ada Aponte Tel: E-Mail: Ada_Aponte@quadra.ca	System Volume: 0 gal Bulk Operating Temp: 225F / 107C Heating Source: Blanket: Fluid: PETRO CANADA PETRO-THERM Make:	Lab No: 02222192 Analyst: Peter Hartevelde Sample Date: 06/11/18 Received Date: 06/14/18 Completed: 06/19/18 To discuss this report contact Peter Hartevelde at (780)967-4234

Recommendation: Fluid condition is quite good other than the very high water content. Often high water content can indicate that the sample was taken without adequate purging of the sample point. Suggest an immediate resample taking extra care to purge the sample point.

Comments: Water contamination levels are severely high. Water contamination levels are severely high.. ppm Water contamination levels are severely high. (GCD) 90% Distillation Point is abnormally low. (GCD) % < 335°C is marginally high. (GCD) 10% Distillation Point is marginally low.

Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
06/11/18	06/14/18	0h	7-14-63-20W5	439 / 226	5125.3	35.0	0.05	0.117	651 / 344	773 / 412	867 / 464	7.97
Baseline Data				433 / 223		34.2	0.03		720 / 382	817 / 436	900 / 482	1.00



